LATHS.—An improvement in the lath-cutting machine has been patented in America by Solomon F. Finch and James Wheeler, who found their claim on the division of "the carriage which carries the bolt or block to the knife into two parts, moving on each other, and connected together by a spring, or analogous device, so that the bolt is griped whilst being carried against the edge of the knife, and still griped until drawn back off the edge of the knife, and then liberated."

LESLIE'S NEW GAS BURNER.—We mentioned Mr. Leslie's invention some time ago, as promising to be of great advantage to all gas consumers. The works for the manufacture of it are now in operation, and the result fully bears out our anticipations. The gas issues from a number of capillary tubes, placed concentrically, by which means very perfect combustion is ensured.

NEW BANKRUPTCY COURTS.—Application has been made to the city, on the part of the Lord Chancellor, for the purchase of the ground lately occupied by the Fleet Prison, for the purpose of erecting upon it the proposed new Courts of Bankruptcy.

VENTILATION OF COURT OF COMMON PLEAS.—Formal complaint has been made against the ventilation of this court (by Dr. Reid), in the hope of obtaining some improvement in it.

FONTHILL.—We hear that it is intended to erect a splendid mansion on the site of the existing remains of Fonthill Abbey, which are now in course of removal.

NOTICES OF CONTRACTS, &c.

THE authorities of the Stamp Office having given us notice to discontinue the insertion of our list of contracts, &c., excepting as advertisements, we, in deference to their wishes, omit them for the present, but have taken steps to place the facts of the case properly before them, and, as we hope, remove their objections. In the meantime a list may be seen at our office.

TO CORRESPONDENTS.

"*Westminster Abbey.*"—A correspondent (Mr. Parry) suggests that piers of the present size might be rendered equal to the support of the required spire, by the use of cast-iron cased with marble or stone.

"*Dr. L.*"—The pamphlet reached, but by a rare chance has been mislaid.

"*Amicus.*"—The unfitness of the marble arch for our climate has been already stated. As, however, we have it, it should not be thrown on one side.

"*A. B. C.*"—Our arrangements are made for the meetings in question.

"*H. F.*" (Gray's-Inn).—We are not authorised to give the name required.

"*W.*"—The expression "Reinstate Dilapidations," is a common one, and though not strictly correct, is defensible.

"*R. B. W.*"—Thanks. The subject will not justify engraving. The drawing shall be left at the office.

"*Inquiries.*"—The Eidograph is generally preferred to the Pentograph. Elliott, of Holborn, makes them. Smith, of Pimlico, near Eccleston-bridge, has machinery which will make by steam a set of wheels (four) in from forty to sixty minutes.

"*Gas on Comte de Val Marino's principle.*"—We can refer our correspondent to a gentleman who will give him information.

"*Country Reader.*"—From 15 to 20 per cent. used to be thought fair. The majority are now satisfied with 12.

"*W. P.*"—A contradiction has appeared.

"*G. T. J.*"—The drawing shall be engraved.

"*J. E.*" (*November.*)—Our attention was directed to the quotations by a correspondent. It is contrary to our practice to give up names.

"*Modelling.*"—A Correspondent asks for a receipt for preparing a composition for modelling, which has not wax for its basis, or for tempering ordinary modelling clay, to as to adapt it for working very small figures in.

"*Fresco Painting.*"—We are compelled by press of matter to postpone Mr. Russ's second lecture till next week.

Received.—"L. L." "J. I. M.," "Civis," "Young Architect" (we don't quite understand), "W. J." (Westbourne-terrace), "Stelnia," "Turning and Mechanical Manipulation," by Chas. Holtzapffel, Vol. II. Cutting Tools and Machines; (The Author, Charing Cross.) "City, Town, and Country Architecture," by S. H. Brooks, architect; (Williams, 193, Strand).

"*Books and Addresses.*"—We have not time to point out books or find addresses.

*** Correspondents are requested to address all Communications to the EDITOR, 2, York-street, Covent-garden.

CHARGE FOR ADVERTISEMENTS IN "THE BUILDER."

	£.	s.	d.
For Sixty Words or less	0	5	0
Every additional Thirty Words	0	1	0
One Column	2	2	0
One entire Page	5	5	0

For a series of advertisements above 5s. a reduction will be made.

ADVERTISEMENTS.

THE ELECTRIC TELEGRAPH.—The principle of this valuable invention is clearly demonstrated by Professor Backhoffner in his Morning and Evening Lectures at the ROYAL POLYTECHNIC INSTITUTION. Dr. Ryan's Chemical Lectures daily; and on the Evenings of Mondays, Wednesdays, and Fridays. The principles and uses of the Working Models, and other specimens of the Useful Arts, are explained to the Visitors. The Opaque Microscope. The Oxy-Hydrogen Microscope, by Cary, reproduced with the most interesting Objects. The latest Dissolving Views, by Charles Smith, are of great beauty.—Admission, 1s.; Schools, Half-price.

FIRE BRICKS, Stourbridge, Welsh, and Newcastle; also Lumps, Tiles, and Clays, a large Stock of the best made Goods are selling at very reduced prices (a great reduction having taken place in freights) at WARD'S Honduras Wharf, Bankside. Windsor Nonsuch, and Town-made Oven Tiles, PP.N. and Circular Red Fire Bricks, Country Pan, Plain and Ridge Tiles, Paving Bricks, Corn Drying and Patent Malting Tiles.—Country Builders promptly supplied. Rough River Ballast for Concrete and Thames Sand, above and below bridge, by freights or loads. Prepared Sand for Plastering.

G. ELL'S ADJUSTABLE SCAFFOLD, OBSERVATORY, or FIRE ESCAPE.—This Machine consists of a series of hollow rectangular frames, sliding one within another, after the manner of the tubes of a telescope, is applicable to a variety of purposes, but is especially adapted to that of Land Surveying, ornamenting the walls and ceilings of lofty buildings, hanging chandeliers, fire escape, or for elevating persons for any purpose whatever, as it may be adjusted to any height within its range, and supports itself with safety, independently of any attachment to the walls.—To be seen at G. ELL'S, Adjustable Scaffold, Ladder, and Barrow Manufactory, New Road, St. Pancras.

WILSON'S PATENT VENTILATING SPIRAL CHIMNEY POT.

For the cure of smoky chimneys manufactured by J. PORTER, is the ONLY article for the purpose which assists the draft of the chimney by an external propelling power. Upwards of fifty were fixed last winter on the chimneys of Buckingham Palace, and Windsor Castle, with great success.

This Chimney-pot is not only the best and most effectual ever invented for the purpose named, but stands unrivalled in its ornamental appearance.

The public may be supplied with the above useful article by any of the respectable ironmongers, or at the sole manufactory,

Southwark-bridge Iron Roofing Works.

STEPHENS'S PROCESS for DYEING or STAINING WOOD, as a substitute for Paint. The natural grain of wood is imitated by art, but the most successful imitation has a sameness of appearance when compared with the continual variety which different woods present in their natural grain. To give an ornamental colour to the wood without obscuring the grain, is the object of this process, which surpasses paint in appearance, while at the same time it is so economical that the whole interior of a house, which would take a month or six weeks to paint in the usual manner, may be finished in one week by the process above named, and be more pleasing when finished. The dyes or stains are prepared and sold by HENRY STEPHENS, 54, Stamford-street, Blackfriars-road; sold also at the Office of "THE BUILDER," 2, York-street, Covent Garden, London; Hodkinson, Widemarsh-street, Hereford; R. Sutton, "Review Office," Nottingham; H. Wills, 39, High-street, Lynn; and in Manchester, at Crake's Marble Works, Garratt-bridge. In bottles of 6d. and 1s. each, and at 10s. per gallon. The oak colour may be obtained in powder at 8s. per pound, which dissolves in water to form the liquid, and one pound will make one gallon of stain.—N.B. The Trade supplied.

THE LIVERPOOL FIRE and LIFE INSURANCE COMPANY. Established 1836. Empowered by 6 & 7 Wm. 4, c. 119.
Offices, 8, Water-street, Liverpool, and 3, Charlotte-row, Mansion-house, London.

LONDON BOARD.

CHAIRMAN—Richard Spooner, Esq., M.P.
DEPUTY-CHAIRMAN—William Ewart, Esq., M.P.

John Atkins, Esq.	Hen. F. Ponsonby
Thomas Blake, Esq.	John Rankine, Esq.
Frederick Harrison, Esq.	J. M. Rosseter, Esq.
C. Maclean Lee, Esq.	Wm. Wilberforce, Esq.
James D. Nicol, Esq.	Swinton Boult, Esq.

SOLICITORS.
Messrs. Palmer, France, and Palmer, Bedford-row.
MEDICAL REFEREES.
Marshall Hall, M.D., F.R.S.
Alexander Anderson, Esq., F.R.C.S.

By the Act of Parliament obtained by the Company, it is expressly conditioned that the liability of the Shareholders under the Policies shall not be restricted by special contract, or otherwise.

INSURANCES AGAINST FIRE are undertaken on property of every description in the United Kingdom, the British Colonies, and in Foreign Countries.

LIFE INSURANCE.—Two scales of premiums, the one being much lower than usual, securing the amount of the policy without any addition; the other, lower than the participating scales generally adopted by companies offering uncertain bonuses, and carrying guaranteed additions on a plan entirely new, and peculiar to this Institution.

By this new plan the insured becomes entitled, after ten payments, to a fixed annual bonus, according to his age at the date of the insurance, and at the end of each period of ten years every policy, until its amount be doubled, will be increased upon the system of the Equitable Society, by the addition for every year it has existed of a stipulated bonus.

Thus a policy for 1,000*l.* on the life of a person aged 40 years, will be subject to an annual premium of 32*l.* 14s. 6d., and at the end of 10 years it will represent 1,161*l.* 13s. 4d.; of 20 years, 1,365*l.*; of 30 years, 1,610*l.*; and of 40 years, 2,000*l.*; but should the death occur between two decennial periods, say at the expiration of 25 years, the sum payable under the policy having been further increased by annual additions since the twentieth year, will be 1,335*l.* 10s. 8d.

ALEXANDER ROBINSON, Resident Secretary.

PREPARED FLOORING BOARDS.
AT REDUCED PRICES.

ALWAYS ON SALE, a Large Assortment of DRY PREPARED FLOORING BOARDS, and MATCHED BOARDING of all sorts, planed to a parallel width and thickness, from ¾ inch to 1¼ inch thick.

TIMBER, DEALS, OAK PLANKS, SCANTLINGS, SASH SILLS, &c.

Apply at W. CLEAVE'S Timber Yard, Wilton-road, Pimlico (late C. Moore and Son), and Great Smith-street, Westminster.

ALWAYS ON SALE at A. ROSLING'S, SOUTHWARK-BRIDGE-WHARF, BANKSIDE, at Old-Barge-Wharf, Upper Ground-street, Blackfriars, and at Hy. Castle's, Ship-yard, Millbank-street, Westminster, a large, very general, and well-seasoned stock of all kinds of Prepared Floor and Match Boarding, planed to a parallel breadth and thickness, fit for immediate use; also a great variety of machine-prepared mouldings, very accurately finished.

A. R., in calling the attention of builders and consumers, confidently presumes on being able to supply them on such terms as will ensure and merit their favours, &c.

DRUCE'S No. 2, WHARF, late Pound-se-wharf, Chelsea.

TO THE TRADE.—Parties desirous of delivering Timber Deals, Stone, Bricks, or any other goods, in the districts of Chelsea, Brompton, Fulham, Kensington, &c. &c., will find great facilities of Wharfage, Cranage, or Delivery, by applying as above. A weighbridge and draw-dock.—N.B.—Depot for Glass Pantiles.

T. ADAMS (from Byron and Co.), late S. Dare, Mahogany, Timber, and Deal Yard, New-road, Bermondsey, near Brickla yers' Arms, has always in stock mahogany, cedar, whitewood, elm, beech, oak, &c. Pantile oak and fir laths, seaffold poles, puttors, &c. Wheelwright's goods, veneers, cut deals and scantling of every dimension. Also a large assortment of SEASONED FLOORING, MATCH BOARDING FIT FOR Immediate use, and MOULDINGS prepared by machinery, all at reduced prices.

MUIR'S PATENT PLANING MACHINERY.

SAW MILLS, GILLINGHAM-STREET, PIMLICO.

TIMBER of any Size, PLANK, DEALS, and BATTENS, &c. Sawn on the most approved principle. Boards, &c., Prepared, Matched, and Grooved, by Muir's Patent Machinery. The Mills have all the advantages of navigation and water-carriage, being connected with the Thames by the Grosvenor-canal. Goods fetched from the docks and carted home free of charge.

Address to HENRY SOUTHAM,
Saw Mills,
Gillingham-street, Pimlico.

N.B. Estimates given for Sawing and Planing.

TIMBER and DEAL SAWING and PLANING MILLS, Belvedere-road, Lambeth, near Waterloo-bridge.

THE GENERAL WOOD CUTTING COMPANY continue to receive the most satisfactory assurances from all who have given their improved machinery a trial, that there is no method of preparing floor-boards, matched linings, skirtings, &c., by which accuracy, dispatch, and economy of material are so certainly obtained. In shooting, or grooving and tongueing a board although curved, the machine follows the edge; removing no more than the skin of the wood, and by the use of 4 peculiar saws for deep cutting, the board comes off with a perfect surface, thus obviating the necessity of reducing its thickness in order to plane out the hollows. The Company being neither builders nor timber merchants, unconnected with any trade but that of sawing and planing, and depending solely on the public for a moderate interest on their capital, are determined, by an assiduous attention to the interests of their customers, both as regards workmanship and general business arrangements, to merit a continuance of their support.

VAST TREASURE.—The private Expedition is rapidly fitting out for recovering, by AUSTIN'S GRAND BUOYANT APPARATUS, certain treasure-vessels, sunk in an easy position on a neighbouring coast, containing gold and silver coin and bullion to a vast amount. A few proportions of 100*l.* each are still open.—Apply or address to Mr. AUSTIN, 9, Artillery-place, Finsbury-square.

VARNISH, COLOURS, WHITE LEAD.

Genuine White Lead	per cwt.	27s. 0d.
Seconds	,,	25 0
Thirds	,,	23 0
Linseed Oil	per gallon	2 3
Turpentine	,,	4 6
Putty	per cwt.	7 6
Patent Dryers	,,	36 0
Oxford Ober	,,	36 0
Varnishes equalled by none:		
Fine Oak	per gallon	10s.
,, Carriage	,,	12
,, Copal	,,	18
,, Body Copal	,,	24
,, Gold Size	,,	10
,, Black Japan	,,	10

Painters' Brushes, and every article in this branch, at the Manufactory, 87, Bishopsgate-street, Without, London.—THOMAS MILLINGTON, Proprietor.

WALLIS'S PATENT LIQUID WOOD KNOTTING.—This newly-discovered Liquid Composition which Messrs. Geo. and Thos. Wallis have the satisfaction of introducing to the trade, possesses the important qualification of effectually stopping Knots in Wood, however bad, and preventing them coming through and disfiguring the paint above.

Many substances have been tried and much time spent in endeavouring to find a cure for a bad Knot, but hitherto without success. Messrs. Wallis therefore feel much pleasure in offering it to the public as a article so long and anxiously called for.

In the application, skill is not required; it is put on to the work with a brush like common paint, can be used in all climates and situations, and does not require heat.

Sold wholesale and retail, by Messrs. G. and T. Wallis, Varnish, Japan, and Colour Manufacturers, No. 64, Long Acre. Price 10s. per gallon.

For Info on OCR and PDF Compression go to ThePaperlessOffice.org